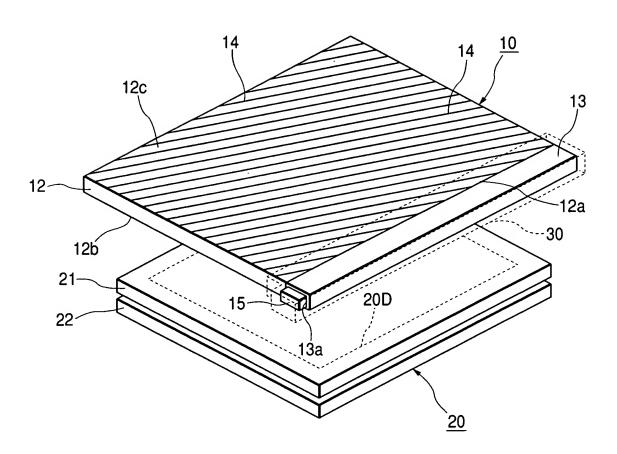
FIG. 1



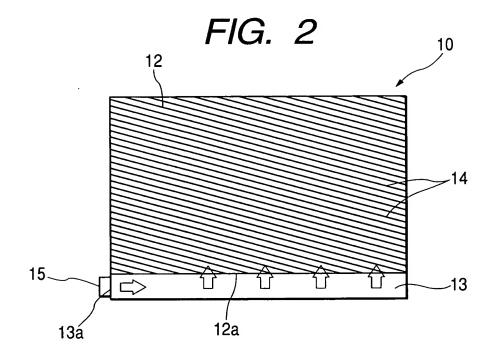


FIG. 3

13a
13
12

15
16
19
16a
16a

FIG. 4

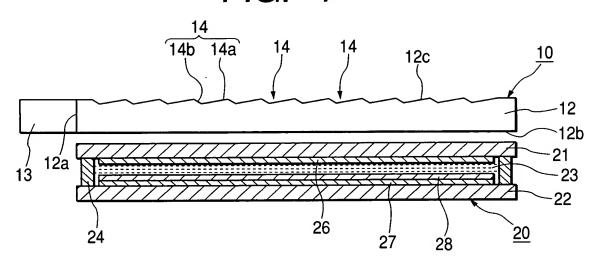
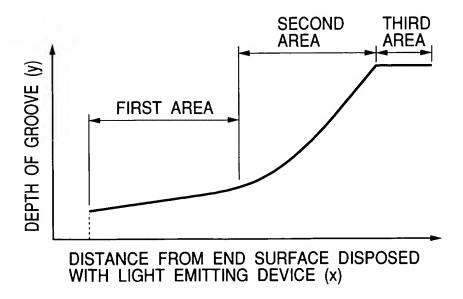


FIG. 5



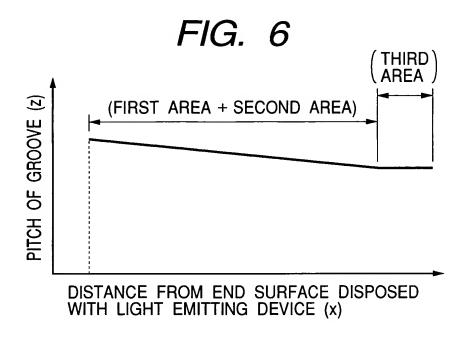


FIG. 7

POSITION OF GROOVE TIP END VS DEPTH OF GROOVE

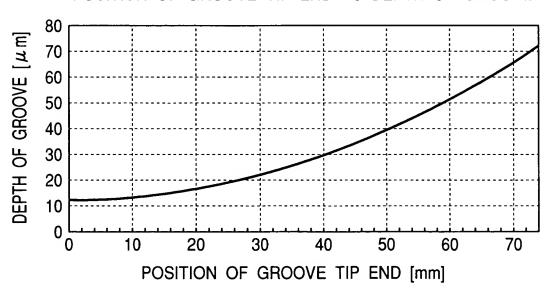


FIG. 8

POSITION OF GROOVE TIP END VS PITCH

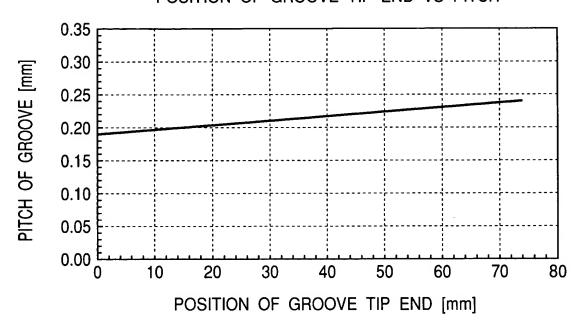


FIG. 9

POSITION OF GROOVE TIP END VS DEPTH OF GROOVE

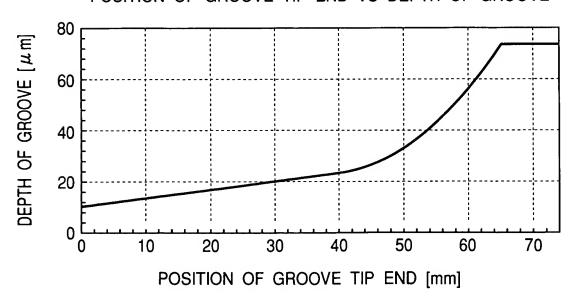


FIG. 10



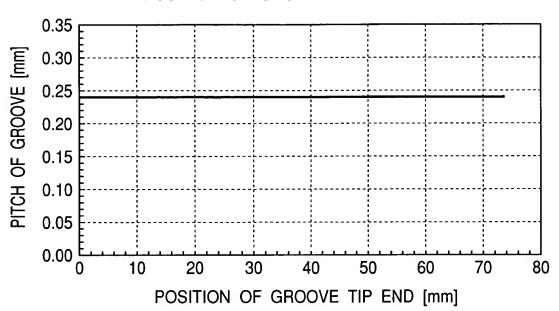


FIG. 11

POSITION OF GROOVE TIP END VS DEPTH OF GROOVE

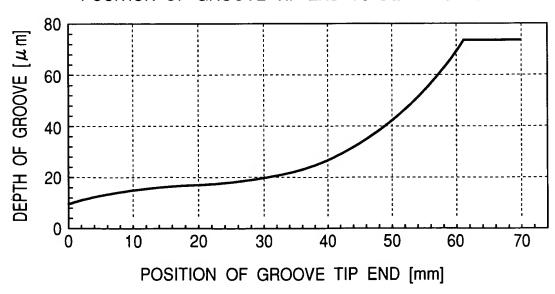
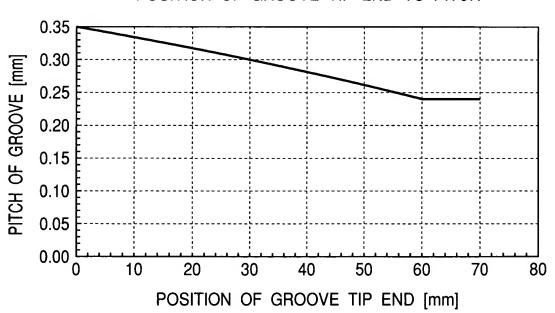


FIG. 12
POSITION OF GROOVE TIP END VS PITCH



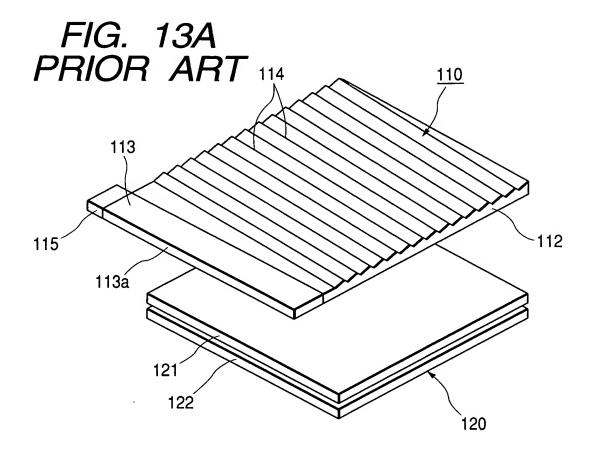


FIG. 13B PRIOR ART

